This Page Is Inserted by IFW Operations and is not a part of the Official Record

BEST AVAILABLE IMAGES

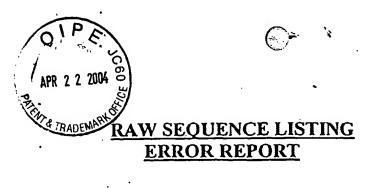
Defective images within this document are accurate representations of the original documents submitted by the applicant.

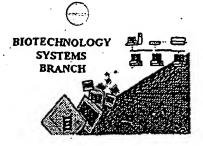
Defects in the images may include (but are not limited to):

- BLACK BORDERS
- TEXT CUT OFF AT TOP, BOTTOM OR SIDES
- FADED TEXT
- ILLEGIBLE TEXT
- SKEWED/SLANTED IMAGES
- COLORED PHOTOS
- BLACK OR VERY BLACK AND WHITE DARK PHOTOS
- GRAY SCALE DOCUMENTS

IMAGES ARE BEST AVAILABLE COPY.

As rescanning documents will not correct images, please do not report the images to the Image Problem Mailbox.





The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) detected errors when processing the following computer readable form:

Application Serial Number:	/0/789.684	
Source:	IFWO -	
Date Processed by STIC:	5/11/04 -	
Pate Processed by STIC:	3/11/04	_

THE ATTACHED PRINTOUT EXPLAINS DETECTED ERRORS.
PLEASE FORWARD THIS INFORMATION TO THE APPLICANT BY EITHER:

- 1) INCLUDING A COPY OF THIS PRINTOUT IN YOUR NEXT COMMUNICATION TO THE APPLICANT, WITH A NOTICE TO COMPLY or,
- 2) TELEPHONING APPLICANT AND FAXING A COPY OF THIS PRINTOUT, WITH A NOTICE TO COMPLY

FOR CRF SUBMISSION AND PATENTIN SOFTWARE QUESTIONS, PLEASE CONTACT MARK SPENCER, TELEPHONE: 703-308-4212; FAX: 703-308-4221

Effective 12/13/03: TELEPHONE: 571-272-2510; FAX: 571-273-0221

TO REDUCE ERRORED SEQUENCE LISTINGS, PLEASE USE THE CHECKER VERSION 4.1 PROGRAM, ACCESSIBLE THROUGH THE U.S. PATENT AND TRADEMARK OFFICE WEBSITE. SEE BELOW FOR ADDRESS:

http://www.uspto.gov/web/offices/pac/checker/chkr41note.htm

Applicants submitting genetic sequence information electronically on diskette or CD-Rom should be aware that there is a possibility that the disk/CD-Rom may have been affected by treatment given to all incoming mail.

Please consider using alternate methods of submission for the disk/CD-Rom or replacement disk/CD-Rom.

Any reply including a sequence listing in electronic form should NOT be sent to the 20231 zip code address for the United States Patent and Trademark Office, and instead should be sent via the following to the indicated addresses:

- 1. EFS-Bio (http://www.uspto.gov/ebc/efs/downloads/documents.htm, EFS Submission User Manual ePAVE)
- 2. U.S. Postal Service: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450
- Hand Carry directly to (EFFECTIVE 12/01/03):
 U.S. Patent and Trademark Office, Box Sequence, Customer Window, Lobby, Room 1B03, Crystal Plaza Two.
 2011 South Clark Place, Arlungton, VA 22202
- Federal Express, United Parcel Service, or other delivery service to: U.S. Patent and Trademark Office, Box Sequence, Room 4B03-Mailroom, Crystal Plaza Two, 2011 South Clark Place, Arlington, VA 22202

Revised 10/08/03





IFWO

RAW SEQUENCE LISTING

PATENT APPLICATION: US/10/789,684

DATE: 03/11/2004 TIME: 08:17:53

Input Set : A:\PTO.DA.txt

Output Set: N:\CRF4\03112004\J789684.raw Corrected Diskette Needec

Does Not Comply

1 <110> APPLICANT: Epstein, Alan L. Khawli,

W--> 2 <120> TITLE OF INVENTION: VASOPERMEABILITY ENHANCING PEPTIDE OF HUMAN INTERLEUKIN-2

AND

W--> 3 <130> FILE REFERENCE: 1920-325C1-09801297<140> US __/_

C--> 4 <140> CURRENT APPLICATION NUMBER: US/10/789,684

-> 4 <141> CURRENT FILING DATE: 2004-02-27

4 <150> PRIOR APPLICATION NUMBER: US 10/142,120<151> 2002-05-09<150> US 09/443,061<151>

1999-

W--> 5 <150> PRIOR APPLICATION NUMBER: US 08/806,121<151> 1996-12-23<160> 3 <170> PatentIn

ERRORED SEQUENCES

E--> 16 <210> SEQ ID NO: 2<211> 111<212> DNA<213> Homo sapiens<400> 2

E--> 17 <211> LENGTH:

E--> 17 <212> TYPE:

E--> 17 <213> ORGANISM:

E--> 17 <400> SEQUENCE:

17 cagatgatcc tgaacggtat caacaactac aagaacccga aactgactcg tatgctgacc

19 ttcaagttct acatgccgaa gaaagctacc gaactgaaac acctgcaatg c

E--> 22 <210> SEQ ID NO: 3<211> 127<212> PRT<213> Homo sapiens<400> 3

E--> 24 <211> LENGTH:

E--> 24 <212> TYPE:

E--> 24 <213> ORGANISM:

E--> 24 <400> SEQUENCE:

24 Ala Pro Thr Ser Ser Ser Thr Lys Lys Thr Gln Leu Gln Glu His Leu

28 Leu Leu Asp Leu Gln Met Ile Leu Asn Gly Ile Asn Asn Tyr Lys Asn

32 Pro Lys Leu Arg Met Leu Thr Phe Lys Phe Tyr Met Pro Lys Lys Ala

40

36 Thr Glu Leu Lys His Leu Gln Cys Leu Glu Glu Leu Lys Pro Leu Glu 60

40 Glu Val Leu Asn Leu Ala Gln Ser Lys Asn Phe His Leu Arg Pro Asp

70 75

44 Leu Ile Ser Asn Ile Asn Val Ile Val Leu Glu Leu Lys Gly Ser Glu 90

48 Thr Thr Phe Met Cys Tyr Ala Asp Glu Thr Ala Thr Ile Val Glu Phe

105 . 52 Leu Asn Arg Trp Ile Thr Phe Cys Gln Ser Ile Ser Thr Leu Thr

120 53

Sample of
Submitted

500 file

1111

Please contact

Mark Spencer

at 571-272-2510







VERIFICATION SUMMARY
PATENT APPLICATION: US/10/789,684

DATE: 03/11/2004
TIME: 08:17:54

Input Set : A:\PTO.DA.txt

L:24 M:282 E: Numeric Field Identifier Missing, <212> is required. L:24 M:282 E: Numeric Field Identifier Missing, <213> is required. L:24 M:200 E: Mandatory Header Field missing, <400> is required.

Output Set: N:\CRF4\03112004\J789684.raw

L:2 M:283 W: Missing Blank Line separator, <120> field identifier L:3 M:283 W: Missing Blank Line separator, <130> field identifier L:4 M:270 C: Current Application Number differs, Replaced Current Application No L:4 M:271 C: Current Filing Date differs, Replaced Current Filing Date L:5 M:289 W: Identifier Missing or Out-Of-Order, <150> PRIOR APP FILING DATE L:6 M:283 W: Missing Blank Line separator, <210> field identifier L:8 M:282 E: Numeric Field Identifier Missing, <211> is required. L:8 M:282 E: Numeric Field Identifier Missing, <212> is required. L:8 M:282 E: Numeric Field Identifier Missing, <213> is required. L:8 M:200 E: Mandatory Header Field missing, <400> is required. L:16 M:212 E: (34) Invalid or duplicate Sequence ID Number, SEQ ID NO: 2<211> 111<212> DNA<213> Homo sapiens<400> 2 L:17 M:282 E: Numeric Field Identifier Missing, <211> is required. L:17 M:282 E: Numeric Field Identifier Missing, <212> is required. L:17 M:282 E: Numeric Field Identifier Missing, <213> is required. L:17 M:200 E: Mandatory Header Field missing, <400> is required. L:22 M:212 E: (34) Invalid or duplicate Sequence ID Number, SEQ ID NO: 3<211> 127<212> PRT<213> Homo sapiens<400> 3 L:24 M:282 E: Numeric Field Identifier Missing, <211> is required.